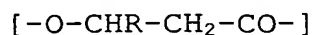


CLAIMS

1. A composition

which comprises kenaf fibers and a poly(3-
5 hydroxyalkanoate) (abbreviation: P3HA) produced by
microorganisms and comprising a repeating unit represented
by the formula (1):



in the formula, R represents an alkyl group represented by
10 C_nH_{2n+1} with n representing an integer of 1 to 15.

2. The composition according to Claim 1,

wherein the P3HA is poly(3-hydroxybutyrate-co-3-
hydroxyhexanoate) comprising a repeating unit of the above
15 formula (1) with, in R, $n = 1$ and 3.

3. The composition according to Claim 2,

wherein the copolymer component composition ratio in
the poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) is 3-
20 hydroxybutyrate/3-hydroxyhexanoate = 99/1 to 80/20
(mol/mol).

4. The composition according to any one of Claims 1
to 3,

25 wherein the kenaf fibers account for 1 to 70% by
weight and the P3HA accounts for 99 to 30% by weight based
on the whole composition.

5. The composition according to any one of Claims 1
30 to 4,

wherein the maximum fiber length of the kenaf fibers
is not longer than 20 mm.

6. The composition according to any one of Claims 1
35 to 5,

wherein the DSC curve drawn by differential scanning colorimetry shows an exothermic peak due to crystallization in the case that the temperature is lowered from a level higher by 30°C than the melting point of the P3HA alone at a rate of 10°C/minute, and the heat deformation temperature (T_h) of the P3HA alone and the heat deformation temperature (T_{h*}) of the composition comprising the kenaf fibers and the P3HA as determined for the respective samples prepared under the same conditions show the relation $T_{h*} > T_h$.

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7. The composition according to any one of Claims 1 to 6,

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wherein the flexural modulus value, maximum bending strength value and IZOD impact value thereof are not lower than the corresponding values for a P3HA alone having a weight average molecular weight (M_w) falling within the range of $\pm 10\%$ of the weight average molecular weight (M_w) of the composition comprising the kenaf fibers and the P3HA, if the values are determined using the respective test specimens prepared using the same formulation and the same molding conditions.

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8. An injection-molded product

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which comprises the composition according to any one of Claims 1 to 7.

9. A film- or sheet-shaped molded product comprising the composition according to any one of Claims 1 to 7, or a press-molded product using the same.

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10. A molded product

which comprises the composition according to any one of Claims 1 to 7,

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the percentage of the area occupied by the kenaf fibers on the molded product surface being not more than

50%.

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